

IN THE CLAIMS:

Please amend the claims as shown in the following complete claim set for this application. This listing of claims will replace all prior claims in the application:

1. **(Previously Presented)** A method of providing vehicle diagnostic function within a mobile vehicle communication system, comprising:

 configuring a primary diagnostic script for a telematics equipped mobile vehicle wherein the primary diagnostic script recreates known problem sequences when executed;

 providing the primary diagnostic script to the mobile vehicle;

 executing the primary diagnostic script; and

 storing diagnostic data based on the executed primary diagnostic script such that the stored diagnostic data is made available for analysis.

2. **(Previously Presented)** The method of claim 1, further comprising:

 analyzing the stored diagnostic data.

3. **(Original)** The method of claim 1, further comprising:

 initiating the automated vehicle diagnostic function.

4. **(Original)** The method of claim 3, wherein initiating the automated vehicle diagnostic function comprises:

 receiving a request for automated vehicle diagnostic function from a user interface; and

 identifying diagnostic routines based on the received request.

5. **(Original)** The method of claim 1, wherein configuring the primary diagnostic script comprises:

 determining at least one diagnostic script based on diagnostic options; and

retrieving the at least one determined diagnostic script, wherein one or more diagnostic scripts are combined into the primary diagnostic script.

6. (Cancelled)

7. (Original) The method of claim 1, wherein the primary diagnostic script triggers data capture when specific conditions exist.

8. (Previously Presented) The method of claim 1, wherein storing diagnostic data based on the executed primary diagnostic script comprises:

- receiving diagnostic data from vehicle system modules; and
- storing the received diagnostic data.

9. (Original) The method of claim 1, wherein the diagnostic data is selected from the group consisting of: diagnostic trouble codes.

10-18. (Cancelled)

19. (Original) A system for providing automated vehicle diagnostic functions, the system comprising:

- means for configuring a primary diagnostic script for a telematics equipped mobile vehicle wherein the primary diagnostic script recreates known problem sequences when executed;

- means for providing the primary diagnostic script to the mobile vehicle;

- means for executing the primary diagnostic script; and

- means for collecting diagnostic data based on the executed primary diagnostic script.

20-26. (Cancelled)